

Title (en)
IMPROVED ANGIOGENESIS-INHIBITING PEPTIDE AND COMPOSITION FOR PREVENTING AND TREATING ANGIOGENESIS-RELATED DISEASE COMPRISING SAME AS ACTIVE INGREDIENT

Title (de)
VERBESSERTES ANGIOGENESE-INHIBIERENDES PEPTID UND ZUSAMMENSETZUNG ZUR VORBEUGUNG UND BEHANDLUNG VON ANGIOGENESEBEDINGTEN ERKRANKUNGEN DAMIT ALS WIRKSTOFF

Title (fr)
PEPTIDE AMÉLIORÉ INHIBITEUR DE L'ANGIOGÈNE ET COMPOSITION POUR PRÉVENIR ET TRAITER UNE MALADIE ASSOCIÉE À L'ANGIOGÈNE LE COMPRENANT EN TANT QUE PRINCIPE ACTIF

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Application
EP 16873185 A 20160705

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Abstract (en)
[origin: EP3388446A1] The present invention relates to improved peptides for inhibiting angiogenesis, Ac-RLYE and R (D) LYE, and a composition for the prevention and treatment of cancers and diseases related to angiogenesis comprising the peptides as an active ingredient. Specifically, the present invention relates to a peptide for inhibiting angiogenesis wherein the L-Arg of an N-terminal is acetylated in a peptide consisting of an amino acid sequence of Arg-Leu-Tyr-Glu, a peptide for inhibiting angiogenesis wherein L-Arg is substituted with D-Arg in a peptide consisting of the amino acid sequence of Arg-Leu-Tyr-Glu, and a method for using a composition comprising the peptides as active ingredients for the prevention or treatment of diseases (cancer, diabetic retinopathy or senile macular degeneration) caused by excessive angiogenesis. The peptides of the present invention have a long half-life and are excellent in VEGF-induced angiogenesis inhibitory effect. Therefore, the peptides developed in the present invention can be very effectively used for the prevention and treatment of diseases (cancer, diabetic retinopathy or senile macular degeneration) caused by excessive angiogenesis.

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• See references of WO 2017099319A1

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